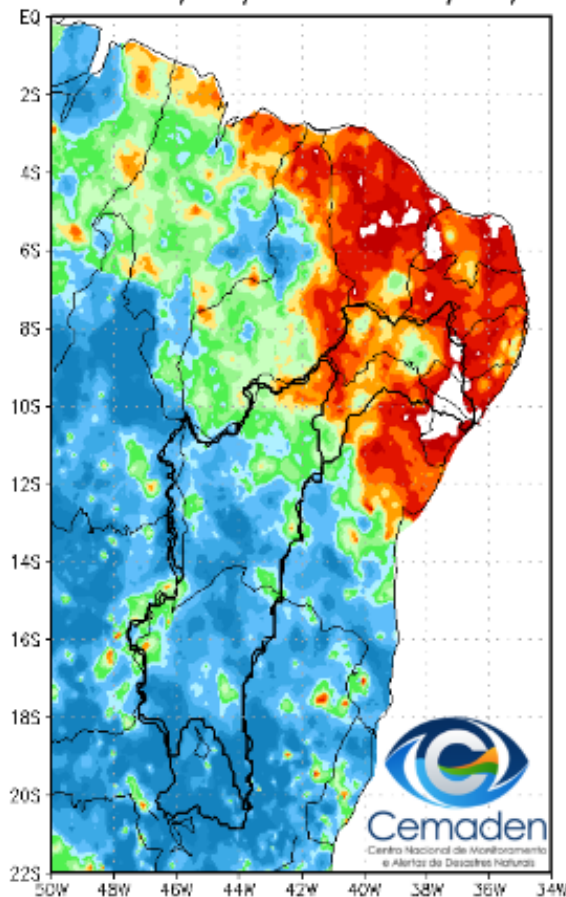
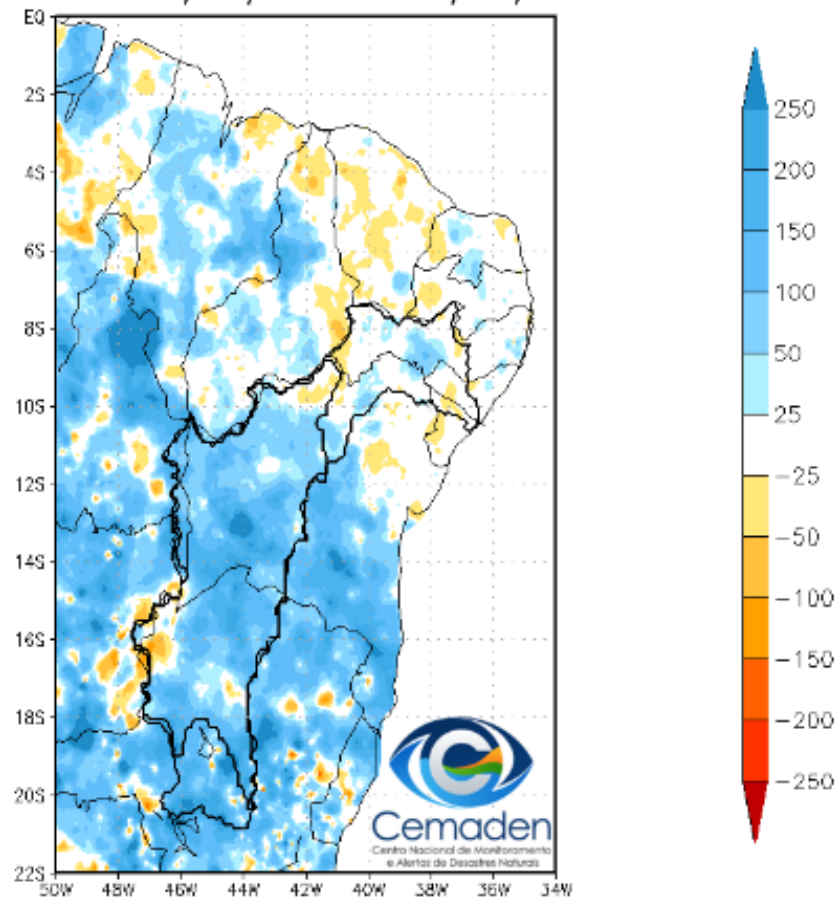
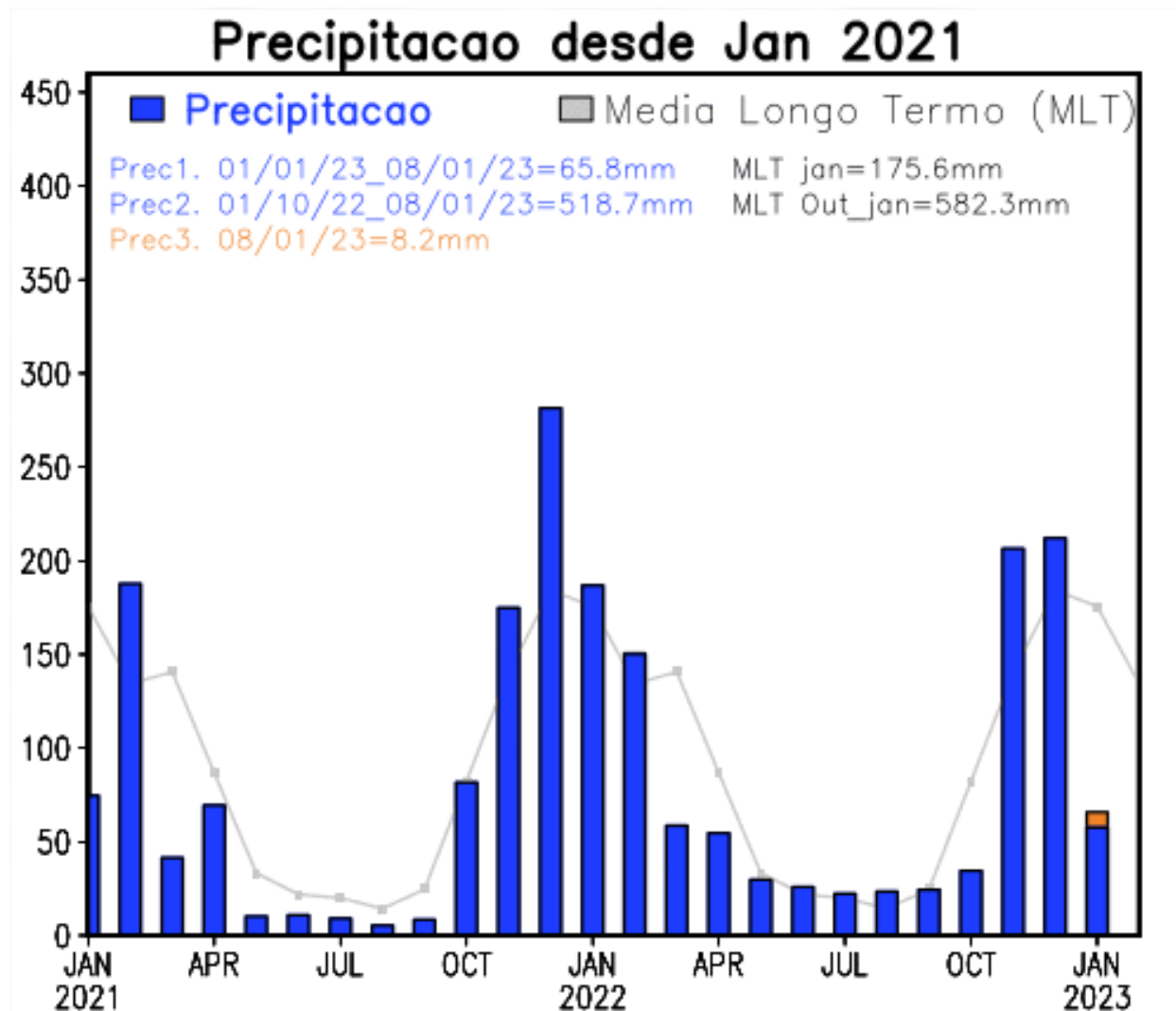
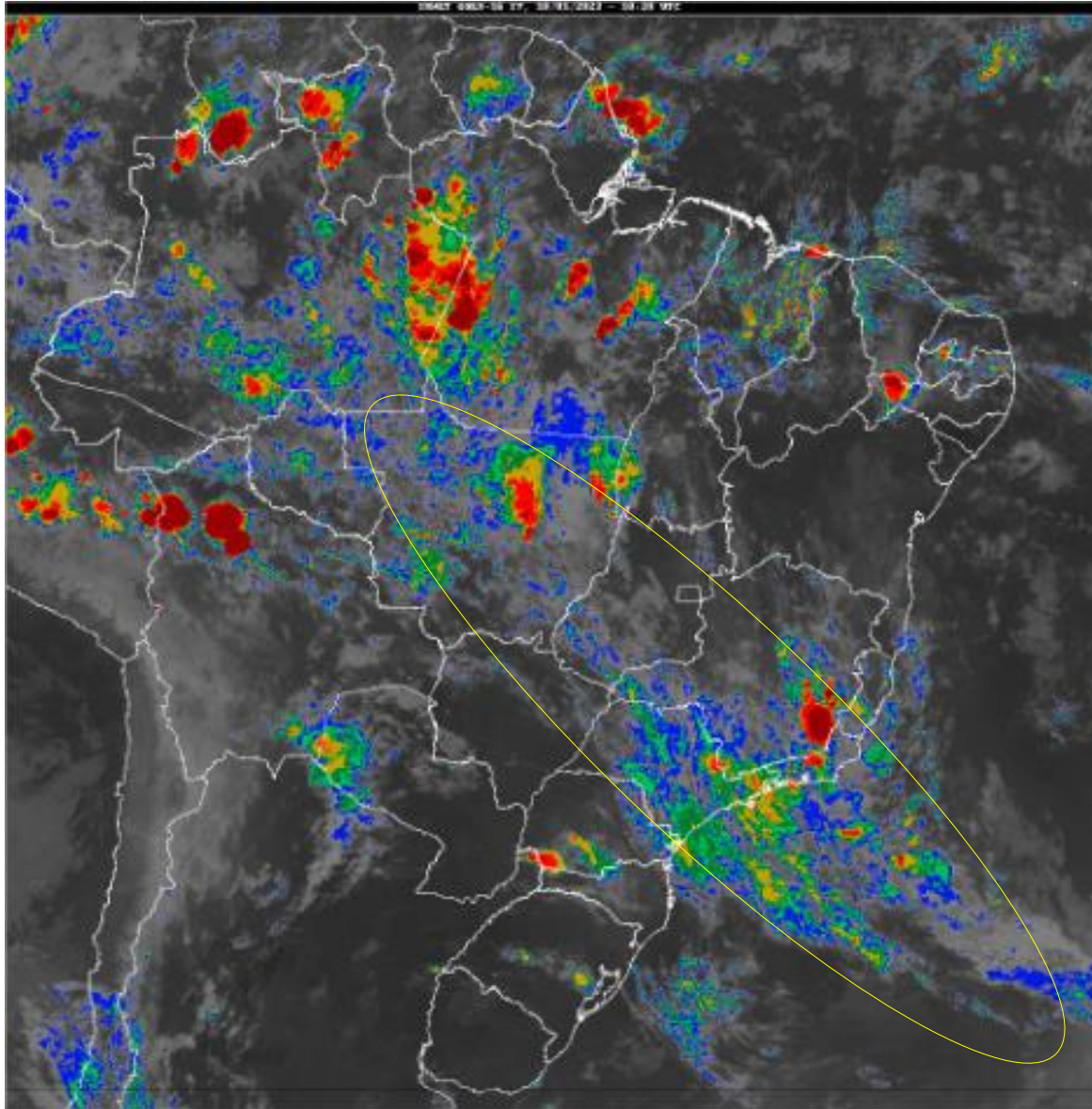
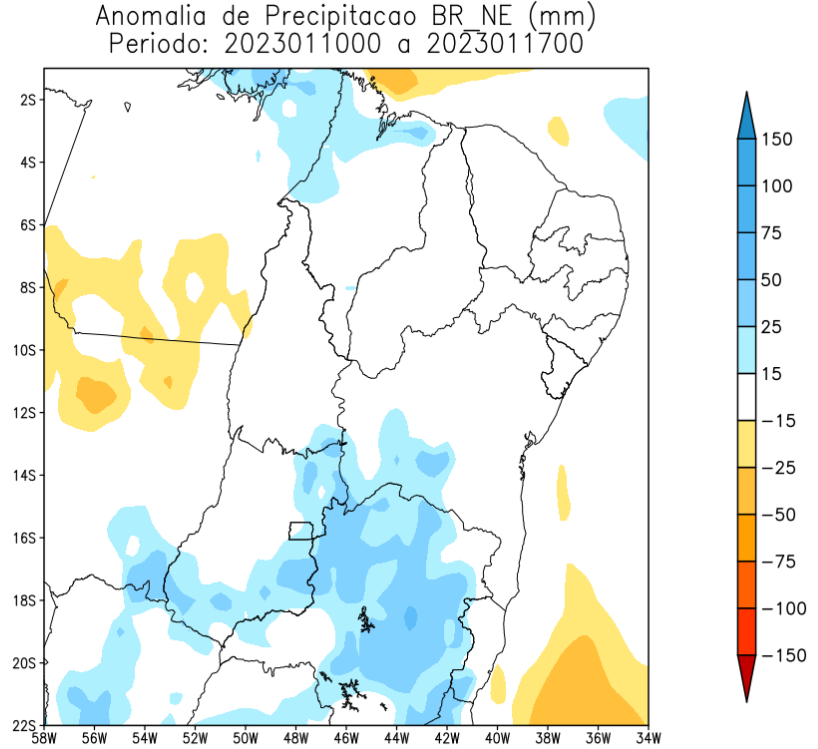
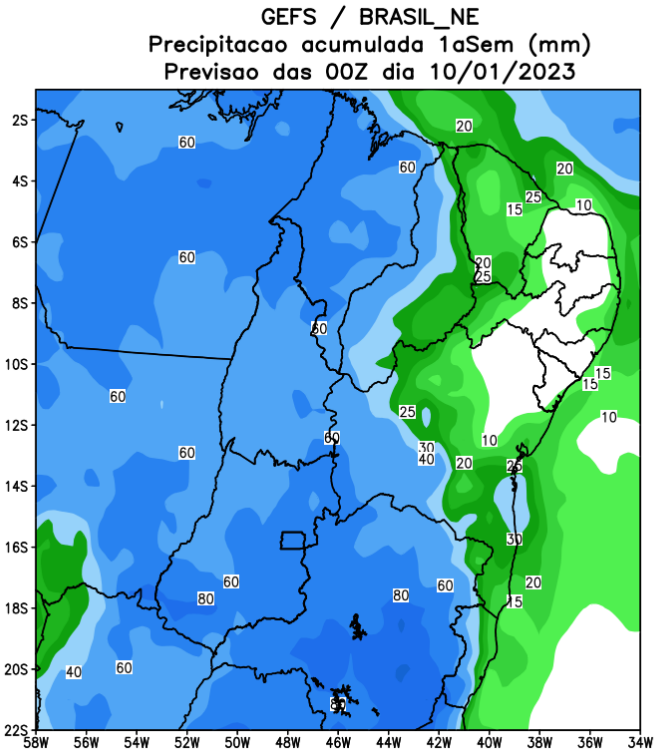
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

10 de Janeiro de 2023

Chuva dos últimos 30 dias

Fonte dos dados: INPE

Bacia do rio São Francisco

FONTE: INPE

Situação meteorológica atual

Fonte: INMET

Previsão de chuva próximos 7 dias

Fonte: GEFS/NOAA

Bacia do rio São Francisco

300
250
200
150
125
100
80
60
40
30
25
20
15
10

Precipitacao acumulada (mm): Bacia SaoFrancisco

PREV
CLIM

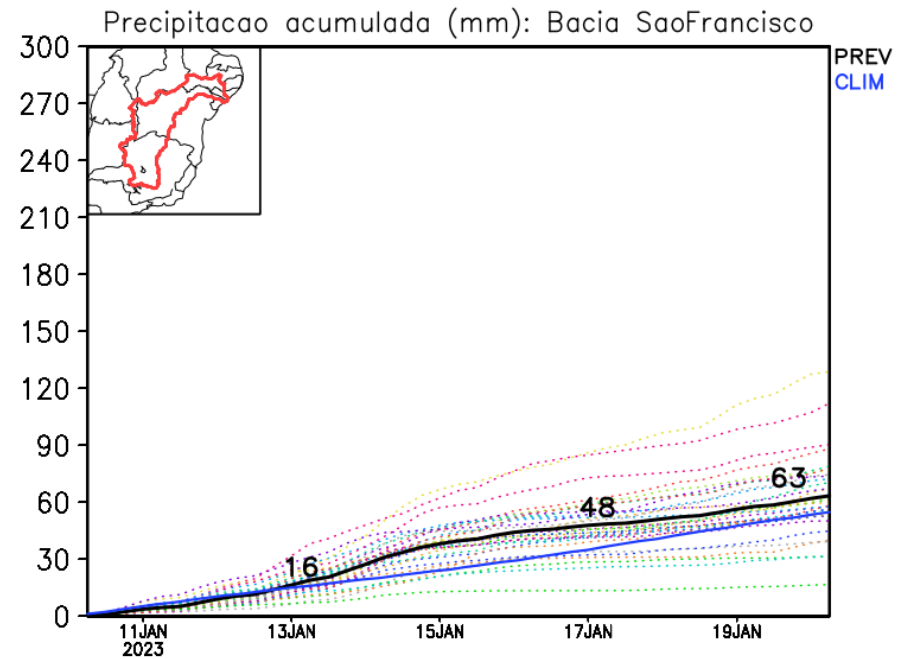
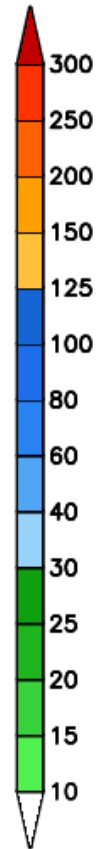
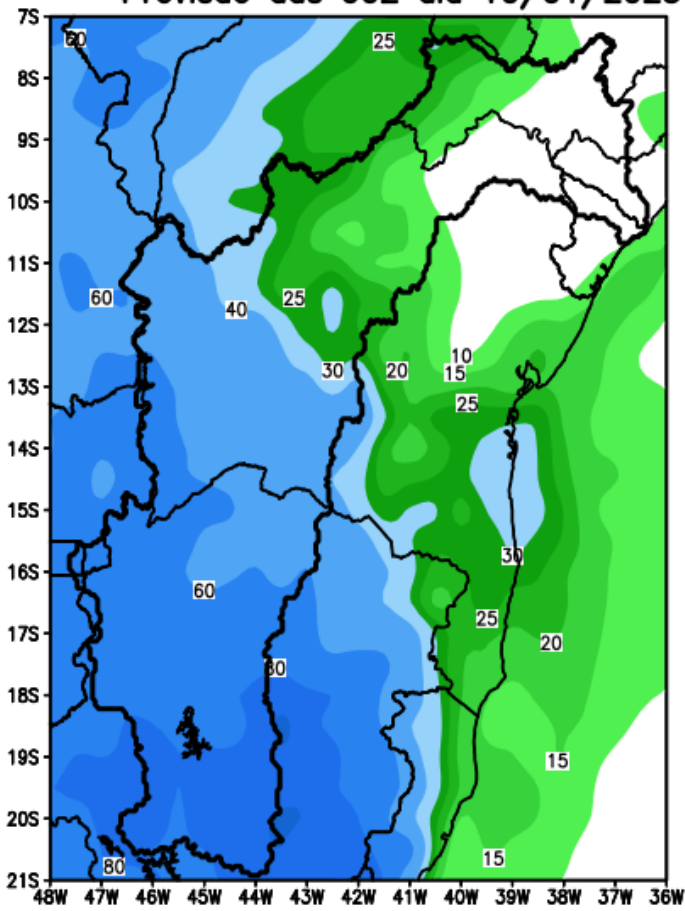
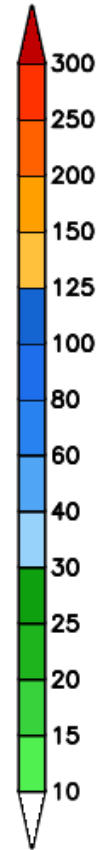
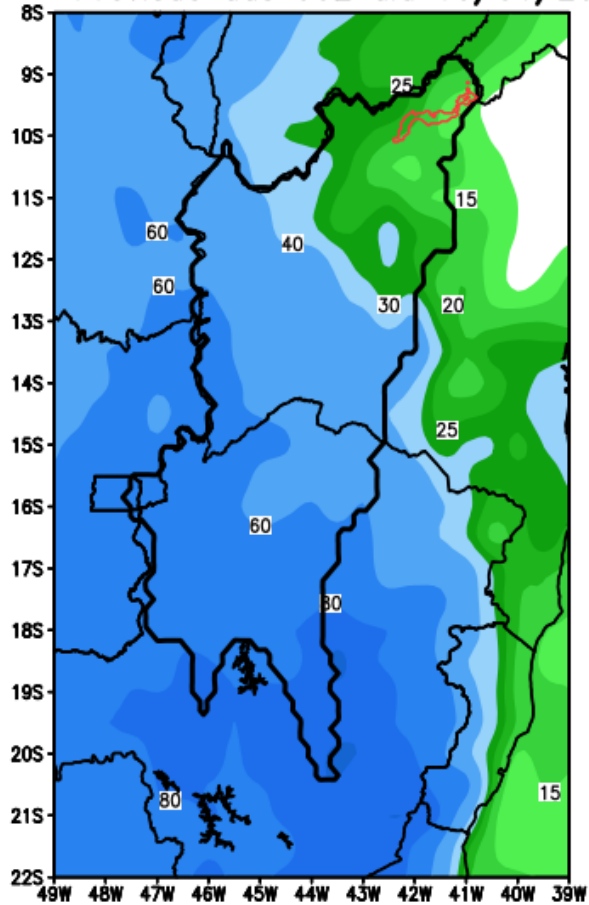
300
270
240
210
180
150
120
90
60
30
0

16
48
63

11JAN 2023
13JAN
15JAN
17JAN
19JAN

Modelo GFS/NOAA

Bacia de Sobradinho

300
250
200
150
125
100
80
60
40
30
25
20
15
10

Precipitacao acumulada (mm): Bacia Sobradinho

PREV
CLIM

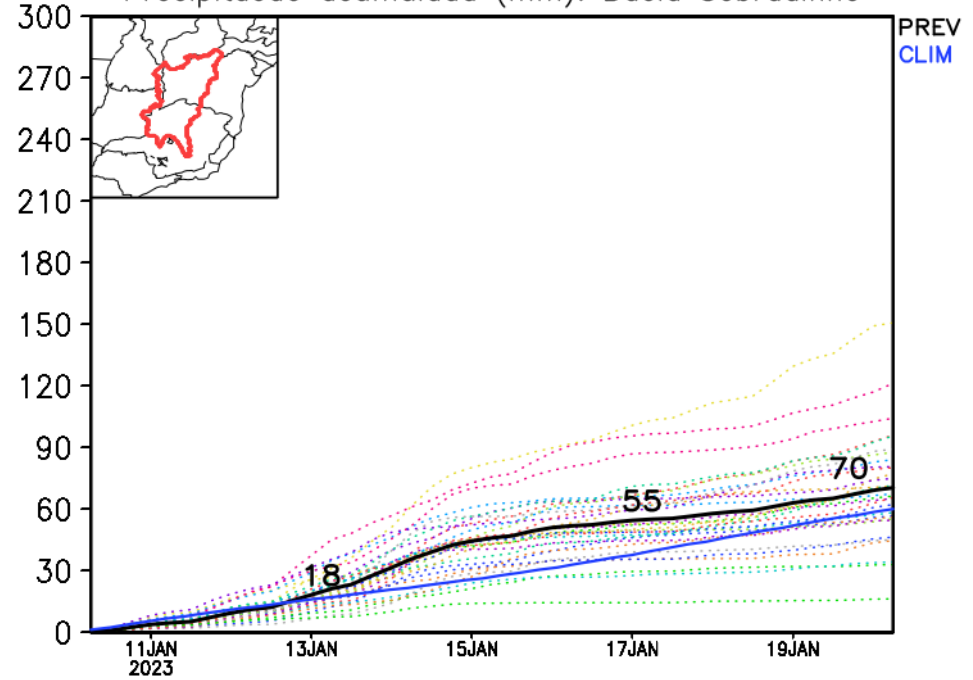
300
270
240
210
180
150
120
90
60
30
0

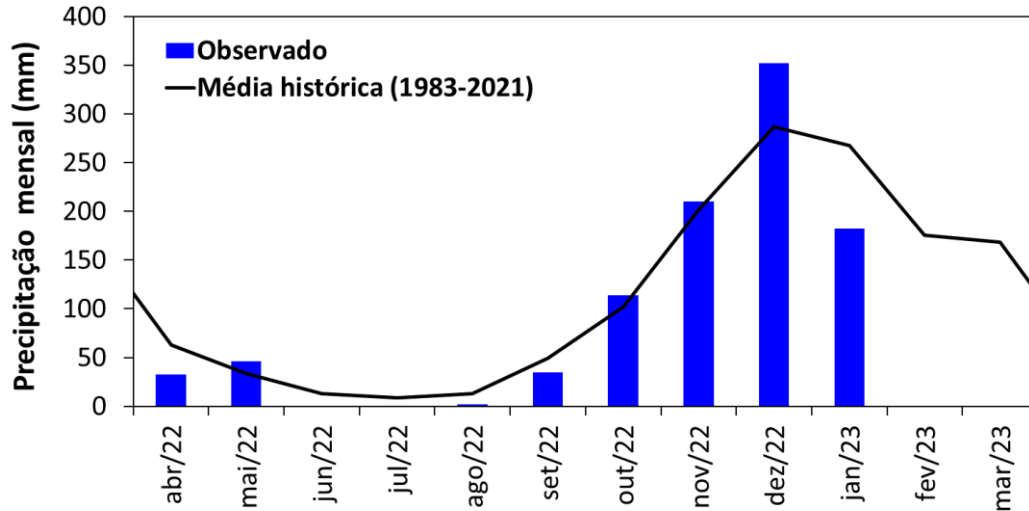
11JAN 2023
13JAN
15JAN
17JAN
19JAN

18
55
70

Modelo GFS/NOAA

Bacia de Três Marias

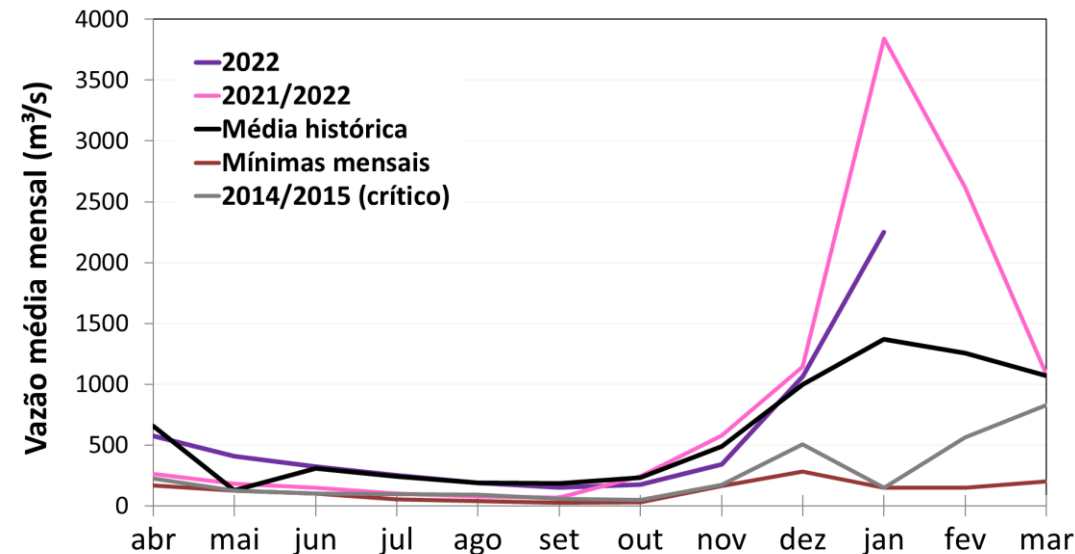
Modelo GFS/NOAA

Monitoramento UHE Três Marias

Precipitação

Estação Chuvosa - Out a Mar - 1201 mm
2021/2022: 1592 mm **(132% da média histórica)**
2022/2023*: 859 mm **(71% da média histórica)**

Estação Seca - Abr a Set – 181 mm
2021: 34 mm **(19% da média histórica)**
2022: 116 mm **(64% da média histórica)**

Dez/22: 352 mm **(123% da média histórica)**
Jan/23*: 183 mm **(68% da média histórica; e 265% da media histórica histórica PARCIAL)**

**Até 08/01/2023*

Vazão

Estação Chuvosa - Nov a Abr - 974 m³/s
2021/2022: 1639 m³/s **(168% da MLT)**
2022/2023*: 702 m³/s **(72% da MLT)**

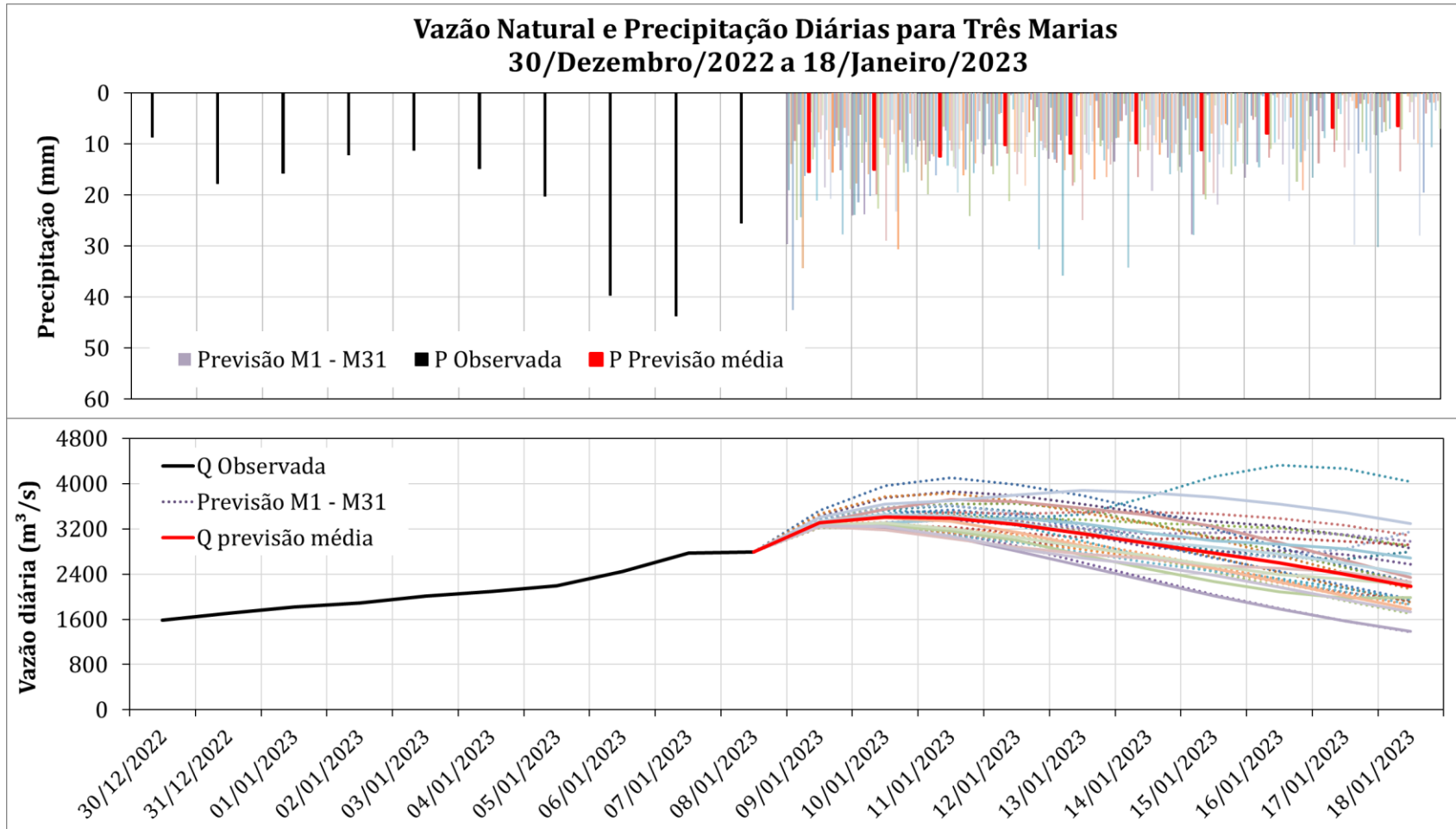
Estação Seca - Maio a Out – 214 m³/s
2021: 136 m³/s **(64% da MLT)**
2022*: 250 m³/s **(116% da MLT)**

Dez/22: 1065 m³/s **(107% da MLT)**
Jan/23*: 2252 m³/s **(164% da MLT)**

**Até 08/01/2023*

MLT-Media de Longo Termo (1983-2021)

Dados de precipitação: INMET, ANA, CEMADEN.
Dados de vazão: ONS e ANA.

UHE Três Marias: Previsão de Vazão (modelo PDM)

Dados **observados de *precipitação*** (barras pretas) para o período → 30/12/a 08/01 e ***previsão*** *para o período de 09 a 18/01*

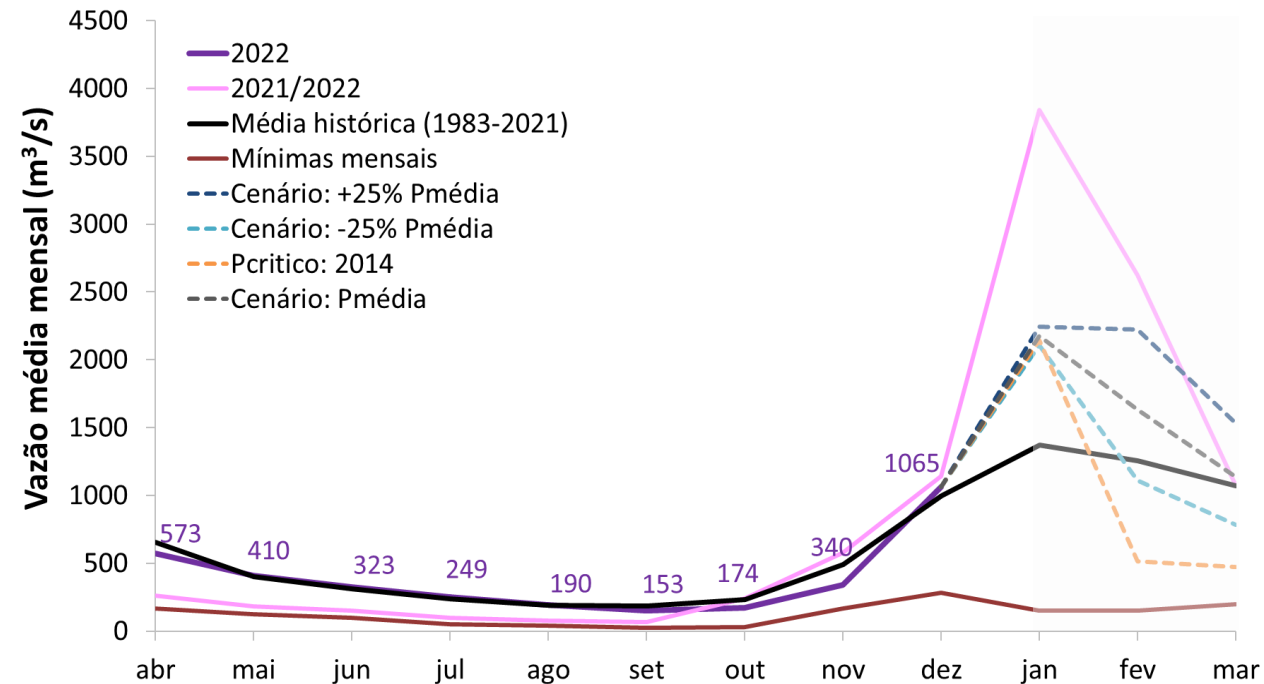
Dados **observados de *vazão*** (linha preta) para o período → 30/12a 08/01 e ***previsão*** *para o período de* ***09 a 18/01***

As barras coloridas correspondem às previsões da chuva para os 31 membros GEFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão.

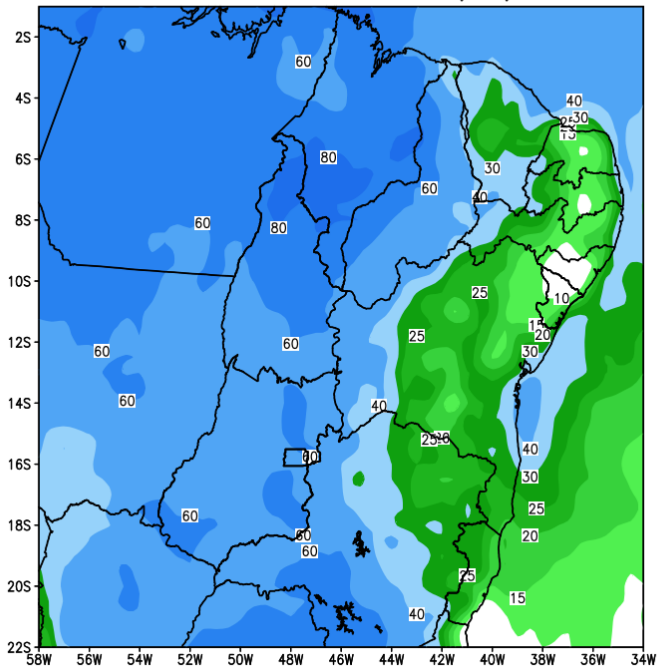
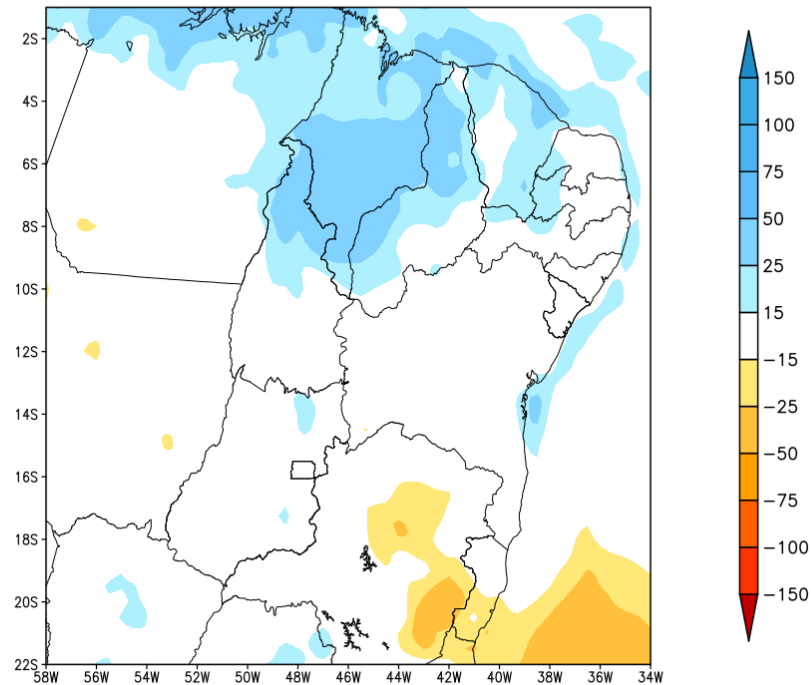
Previsão média para os próximos 10 dias: 2941 m³/s

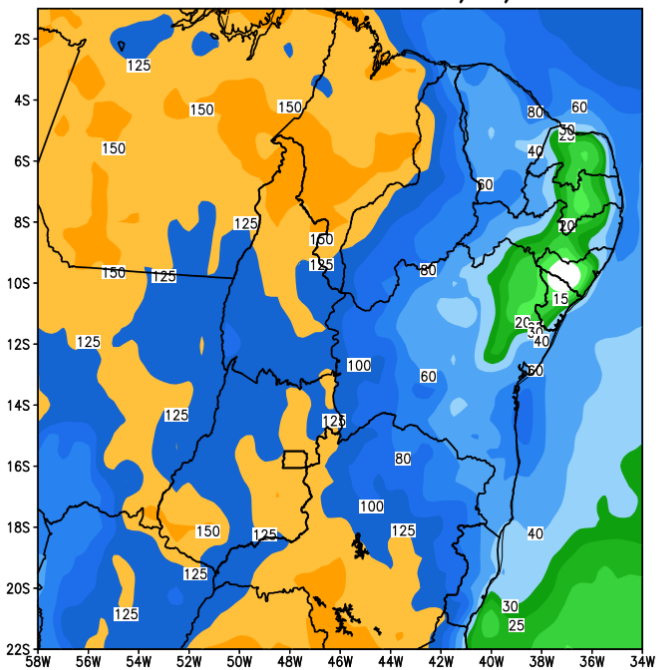
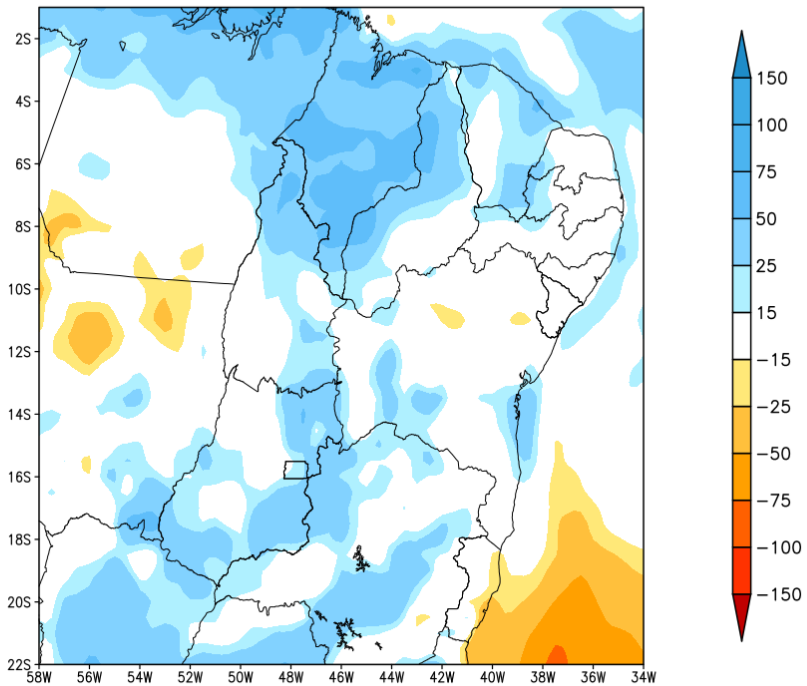
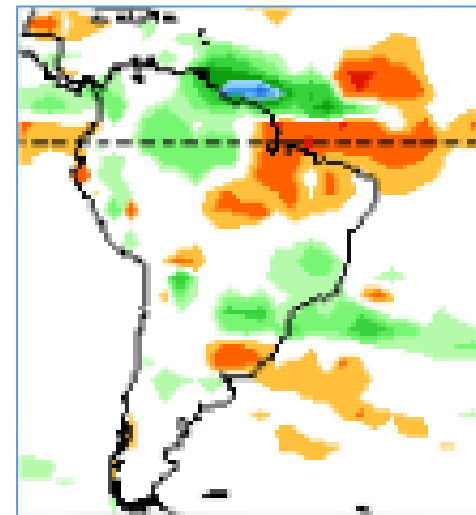
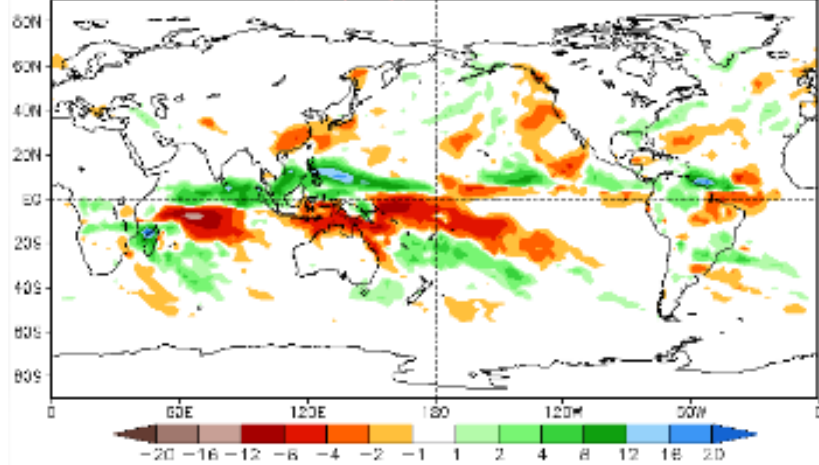
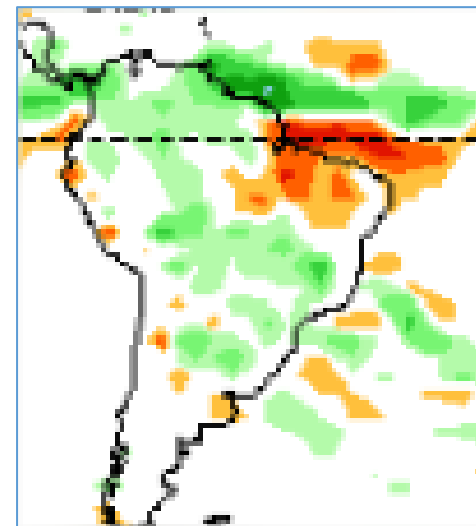
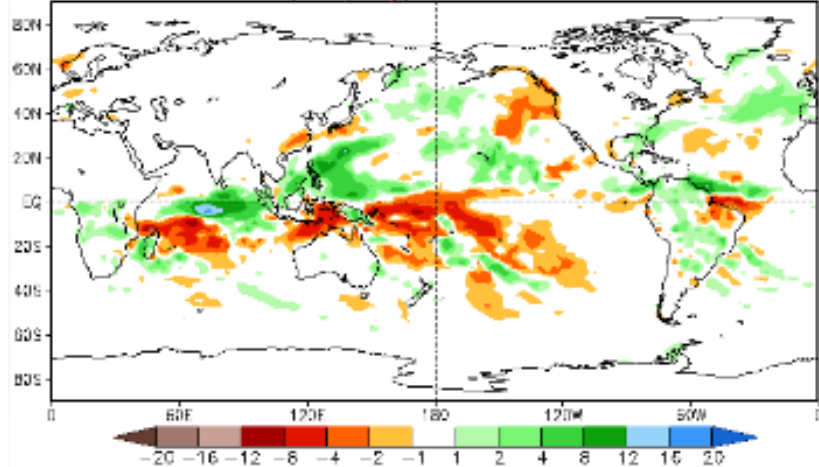
(Valor significativamente superior a MLT de JANEIRO (1372 m³/s)

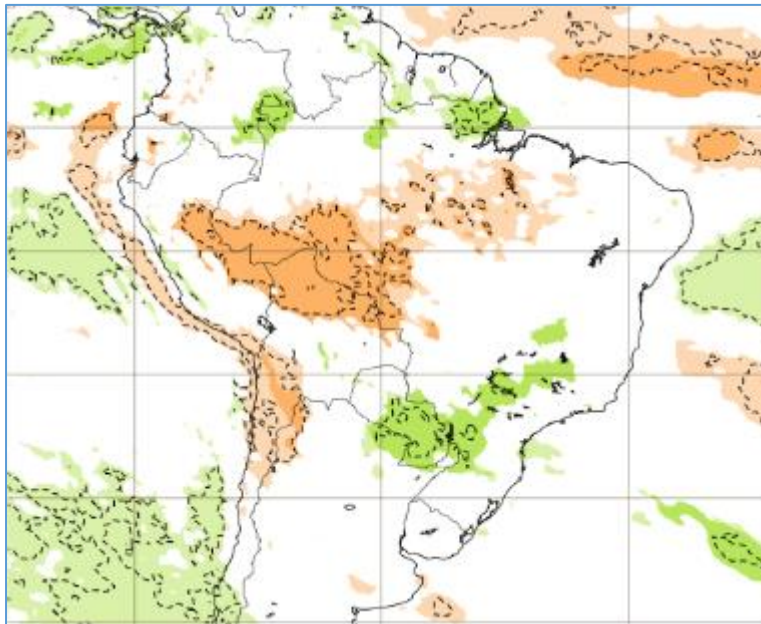
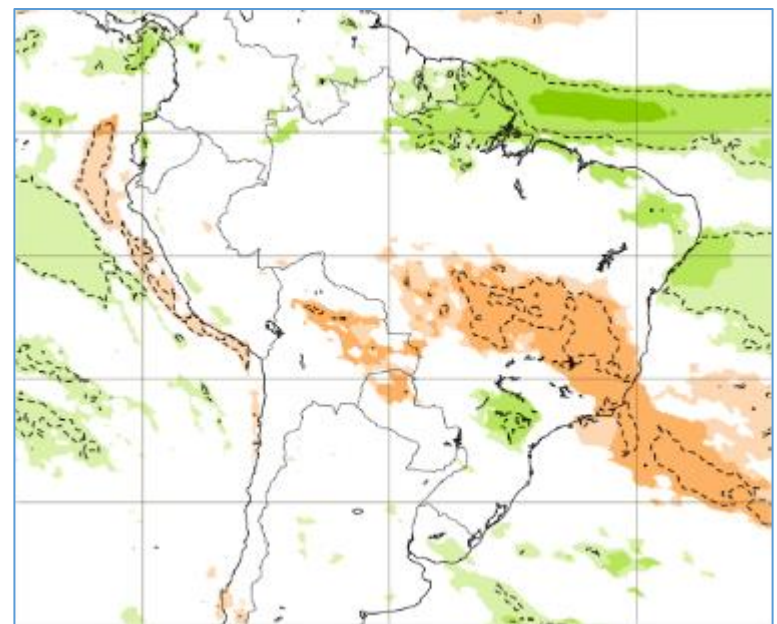
UHE Três Marias: Projeções de Vazão (modelo PDM)

JANEIRO - MARÇO
MLT: <u>1233 m³/s</u>

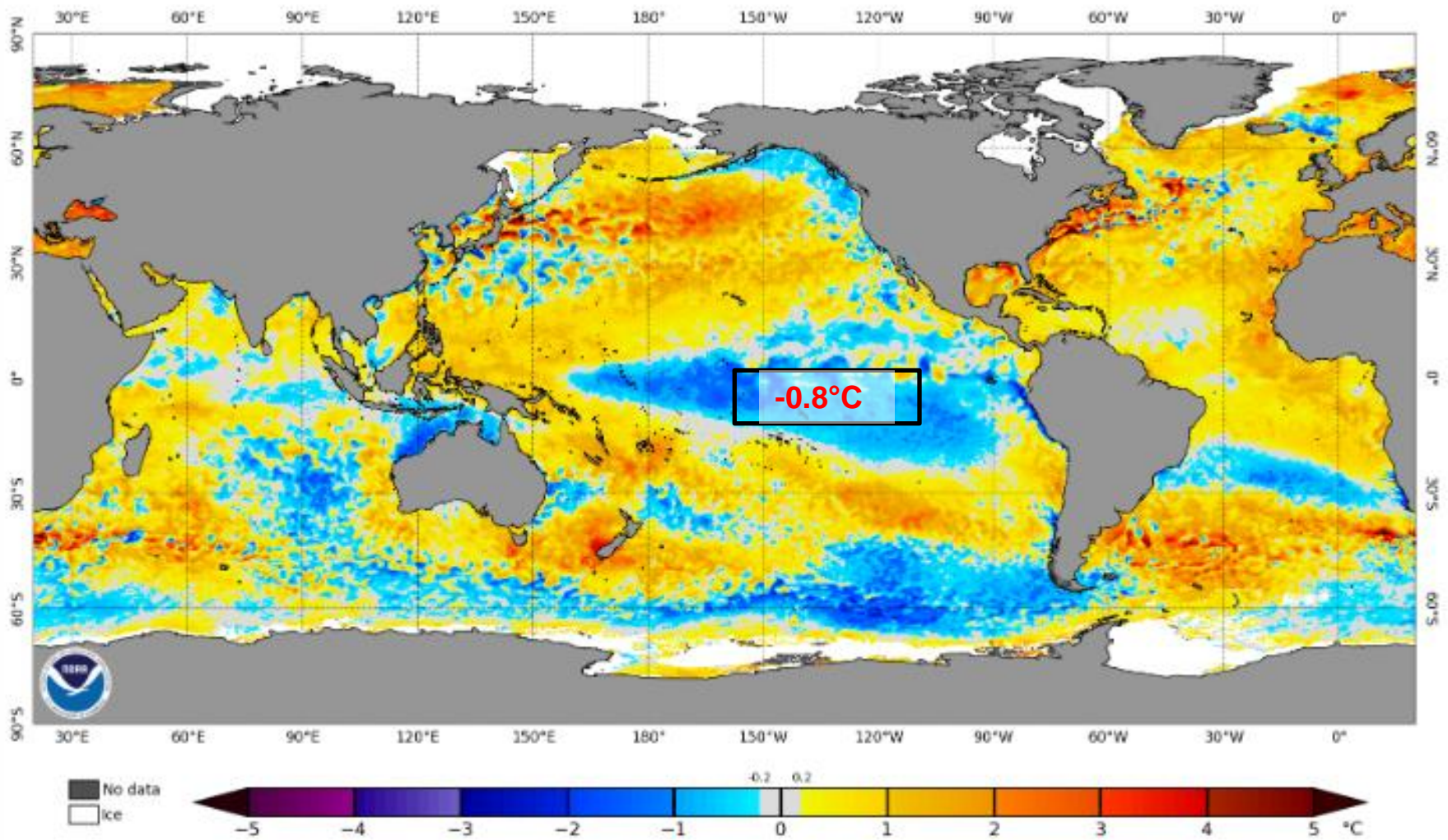
Vazão	% MLT
2001 m³/s	162%
1647 m³/s	134%
1334 m³/s	108%
1044 m³/s	85%

P crítica: Em 2014 (jan-mar) choveu 217 mm (35% da média histórica)

Tendência para a 2a semana

Modelo GFS/NOAA

Tendência para as duas próximas semanas

Modelo GFS/NOAA

Tendência para 3ª e 4ª semanas

23-30/01

30//01-06/02

MODELO ECMWF

Status Atual: **La Niña**

FONTE: NOAA

Previsão do “La Niña”

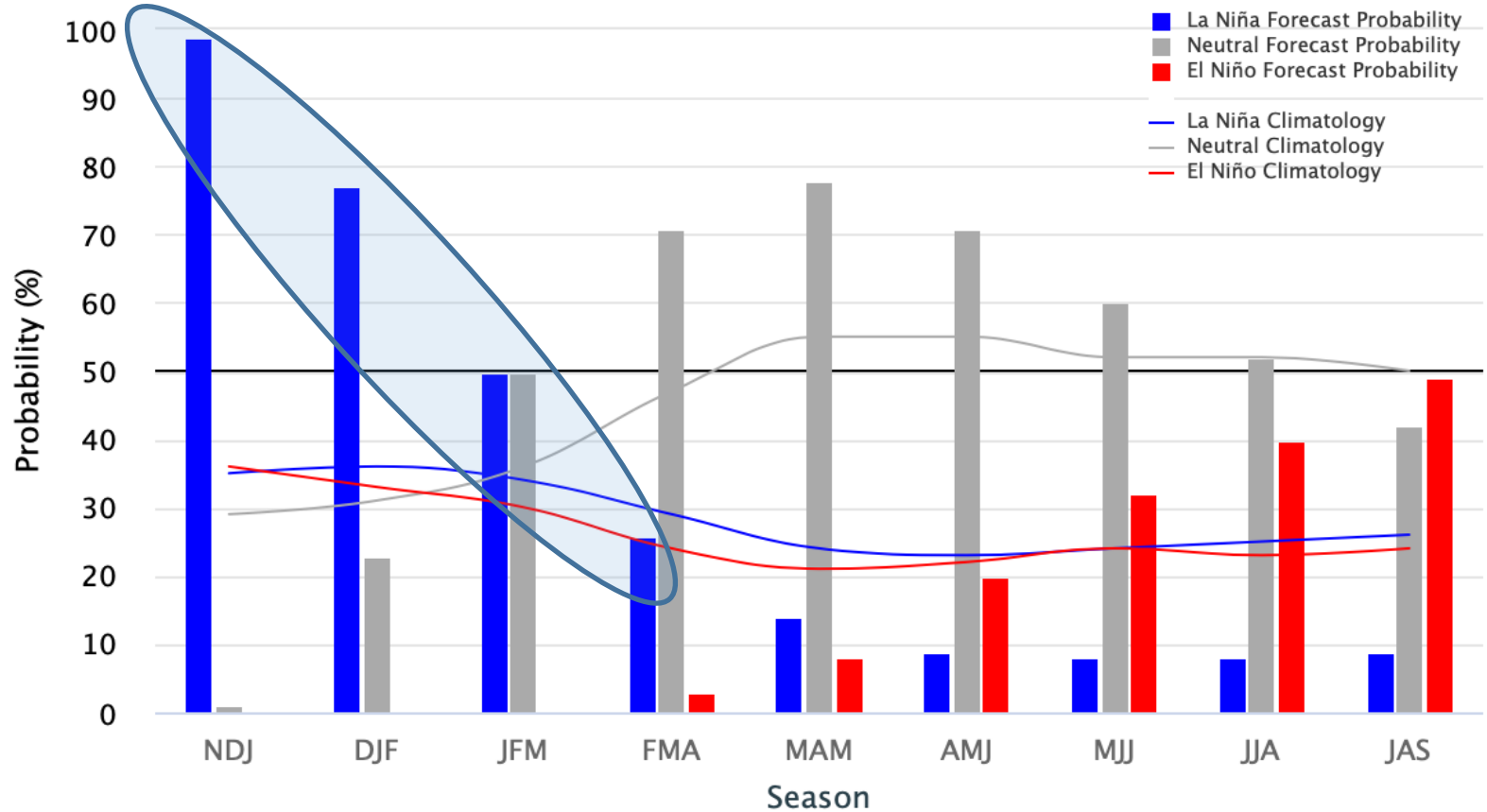
Early–December 2022 CPC Official Probabilistic ENSO Forecasts

La Niña Forecast Probability
Neutral Forecast Probability
El Niño Forecast Probability
La Niña Climatology
Neutral Climatology
El Niño Climatology

Probability (%)

100
90
80
70
60
50
40
30
20
10
0

NDJ DJF JFM FMA MAM AMJ MJJ JJA JAS

Season

Status Atual: **La Niña**

FONTE: NOAA

Previsão sazonal de Chuva JFM